Schottky barrier diode RB861Y

Applications

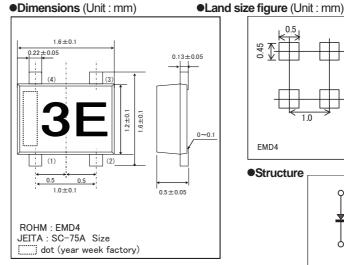
High frequency detection

Features

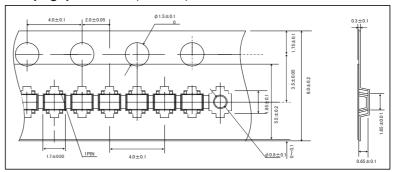
- 1) Ultra small mold type. (EMD4)
- 2) Low Ct and high detectionefficiency.

Construction

Silicon epitaxial planar



● Taping specifications (Unit: mm)



● Absolute maximum ratings (Ta=25°C)

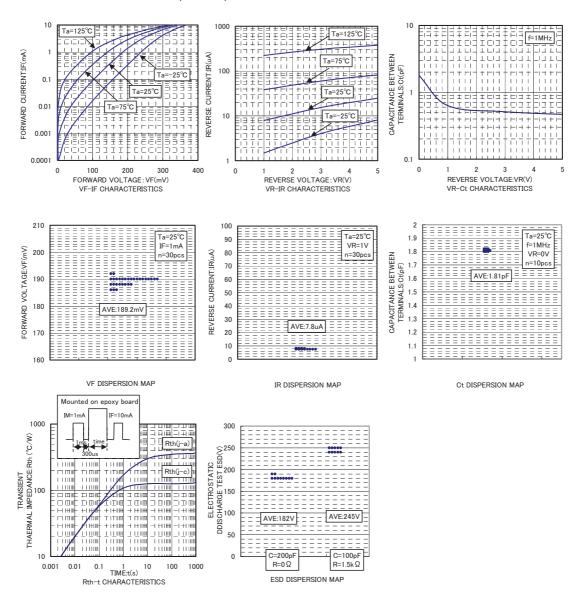
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Parameter	Symbol	Limits	Unit
Reverse voltage	V_R	5	V
Forward current	I _F	10	mA
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-40 to +125	°C

^(*1) Rating of per diode

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V_{F}	-	-	0.29	V	I _F =1mA
Reverse current	I _R	-	-	30	μΑ	V _R =1V
Capacitance between terminal	Ct	-	0.85	1.10	pF	V _R =0V , f=1MHz

●Electrical characteristic curves (Ta=25°C)



Rev.B

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